

GZ210320SEQLST

SEQUENCE LISTING

<110> Nicolette, Charles A.

<120> MART-1 COMPOUNDS FOR THERAPY AND
DIAGNOSIS AND METHODS FOR USING SAME

<130> GZ 2103.20

<140> Not Yet Assigned

<141>

<150> US 09/922,405

<151> 2001-03-01

<150> US 60/223,641

<151> 2000-08-04

<150> US 60/255,502

<151> 2000-12-13

<150> US 60/264,432

<151> 2001-01-25

<150> US 60/279,005

<151> 2001-03-26

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1524

<212> DNA

<213> Homo sapien

<400> 1

agcagacaga	ggactctcat	taaggaaggt	gtcctgtgcc	ctgaccctac	aagatgccaa	60
gagaagatgc	tcacttcac	tatgggtacc	ccaagaagg	gcacggccac	tcttacacca	120
cggctgaaga	ggccgctggg	atcggcatcc	tgacagtgat	cctgggagtc	ttactgctca	180
tcggctgttg	gtattgtaga	agacgaaatg	gatacagagc	cttgatggat	aaaagtcttc	240
atgtttggc	tcaatgtgcc	ttaacaagaa	gatgcccaca	agaagggttt	gatcatcggg	300
acagcaaagt	gtctcttcaa	gagaaaaact	gtgaacctgt	ggttcccaat	gctccacctg	360
cttatgagaa	actctctgca	gaacagtcac	caccacctta	ttcaccttaa	gagccagcga	420
gacacctgag	acatgctgaa	attattttct	tcacactttt	gcttgaattt	aatacagaca	480
tctaagtgtc	tcctttggaa	tgggtgtagga	aaaatgcaag	ccatctctaa	taataagtca	540
gtgttaaaat	tttagtaggt	ccgctagcag	tactaatcat	gtgaggaaat	gatgagaaat	600
attaaattgg	gaaaactcca	tcaataaatg	ttgcaatgca	tgatactatc	tgtgccagag	660
gtaatgttag	taaatccatg	gtgttatatt	ctgagagaca	gaattcaagt	gggtattctg	720
gggccatcca	atttctcttt	acttgaaatt	tggctaataa	caaactagtc	aggttttcga	780
accttgaccg	acatgaactg	tacacagaat	tgttccagta	ctatggagtg	ctcacaaagg	840
atacttttac	aggttaagac	aaagggttga	ctggcctatt	tatctgatca	agaacatgtc	900
agcaatgtct	ctttgtgctc	taaaattcta	ttatactaca	ataatatatt	gtaaagatcc	960
tatagctctt	tttttttgag	atggagtttc	gcttttggtg	cccaggctgg	agtgcaatgg	1020
cgcgatcttg	gctcaccata	acctccgcct	cccaggttca	agcaattctc	ctgccttagc	1080
ctcctgagta	gctgggatta	caggcgtgcg	ccactatgcc	tgactaattt	tgtagtttta	1140
gtagagacgg	ggtttctcca	tgttggtcag	gctgggtctca	aactcctgac	ctcagggtgat	1200
ctgcccgcct	cagcctccca	aagtgtctga	attacaggcg	tgagccacca	cgcctggctg	1260
gatcctatat	cttaggtaag	acataataacg	cagtctaatt	acatttcact	tcaaggctca	1320
atgctattct	aactaatgac	aagtattttc	tactaaacca	gaaattggta	gaaggattta	1380
aataagtaaa	agctactatg	tactgcctta	gtgctgtactg	ctgtgtactg	ccttaaatgt	1440

GZ210320SEQLST

acctatggca atttagctct cttgggttcc caaatccctc tcacaagaat gtgcagaaga 1500
aatcataaag gatcagagat tctg 1524

<210> 2
<211> 118
<212> PRT
<213> Homo sapien

<400> 2
Met Pro Arg Glu Asp Ala His Phe Ile Tyr Gly Tyr Pro Lys Lys Gly
1 5 10 15
His Gly His Ser Tyr Thr Thr Ala Glu Glu Ala Ala Gly Ile Gly Ile
20 25 30
Leu Thr Val Ile Leu Gly Val Leu Leu Leu Ile Gly Cys Trp Tyr Cys
35 40 45
Arg Arg Arg Asn Gly Tyr Arg Ala Leu Met Asp Lys Ser Leu His Val
50 55 60
Gly Thr Gln Cys Ala Leu Thr Arg Arg Cys Pro Gln Glu Gly Phe Asp
65 70 75 80
His Arg Asp Ser Lys Val Ser Leu Gln Glu Lys Asn Cys Glu Pro Val
85 90 95
Val Pro Asn Ala Pro Pro Ala Tyr Glu Lys Leu Ser Ala Glu Gln Ser
100 105 110
Pro Pro Pro Tyr Ser Pro
115

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MART-1

<400> 3
Leu Ser Gly Ile Gly Ile Leu Thr Val
1 5

<210> 4
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> MART-1

<221> misc_feature
<222> 3, 6, 9, 15, 21, 24, 27
<223> n = A,T,C or G

<400> 4
ytnwsnggna thgggnathyt nacngtn

27

<210> 5
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MART-1

GZ210320SEQLIST

<400> 5
Leu Thr Gly Ile Gly Ile Leu Thr Val
1 5

<210> 6
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> MART-1

<221> misc_feature
<222> 3, 6, 9, 15, 21, 24, 27
<223> n = A,T,C or G

<400> 6
ytnacnggna thggnathyt nacngtn

27

<210> 7
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MART-1

<400> 7
Val Thr Gly Ile Gly Ile Leu Thr Val
1 5

<210> 8
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> MART-1

<221> misc_feature
<222> 3, 6, 9, 15, 21, 24, 27
<223> n = A,T,C or G

<400> 8
gtnacnggna thggnathyt nacngtn

27

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> MART-1

<400> 9
Phe Ala Gly Ile Gly Ile Leu Thr Val
1 5

<210> 10
<211> 27

GZ210320SEQLIST

<212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 6, 9, 15, 21, 24, 27
 <223> n = A,T,C or G

<400> 10
 ttygcnggna thggnathyt nacngtn

27

<210> 11
 <211> 9
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> MART-1

<400> 11
 Thr Ala Gly Ile Gly Ile Leu Thr Val
 1 5

<210> 12
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 3, 6, 9, 15, 21, 24, 27
 <223> n = A,T,C or G

<400> 12
 acngcnggna thggnathyt nacngtn

27

<210> 13
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 13
 Gly Val Gly Ile Gly Ile Leu Thr Val
 1 5

<210> 14
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 3, 6, 9, 15, 21, 24, 27
 <223> n = A,T,C or G

<400> 14
ggngunggna thggnathyt ncangtn

27

<210> 15
<211> 9
<212> PRT
<213> Homo sapien

<400> 15
Phe Leu Phe His Thr Glu Tyr Val Val
1 5

<210> 16
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> MART-1

<221> misc_feature
<222> 6, 15, 24, 27
<223> n = A,T,C or G

<400> 16
ttyyntttyc ayacngarta ygtngtn

27

<210> 17
<211> 9
<212> PRT
<213> Homo sapien

<400> 17
Phe Leu Phe His Thr Ala Tyr Ile Val
1 5

<210> 18
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> MART-1

<221> misc_feature
<222> 6, 15, 18, 27
<223> n = A,T,C or G

<400> 18
ttyyntttyc ayacngcnta yathgtn

27

<210> 19
<211> 9
<212> PRT
<213> Homo sapien

<400> 19
Phe Leu Tyr His Thr Pro Met Val Val
1 5

GZ210320SEQLIST

<210> 20
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 6, 15, 18, 24, 27
 <223> n = A,T,C or G

<400> 20
 ttyytntayc ayacnccnat ggtngtn

27

<210> 21
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 21
 Phe Leu Tyr His Thr Pro Met Ile Val
 1 5

<210> 22
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 6, 15, 18, 27
 <223> n = A,T,C or G

<400> 22
 ttyytntayc ayacnccnat gathgtn

27

<210> 23
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 23
 Phe Leu Thr Pro Leu Gly Pro Arg Val
 1 5

<210> 24
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MART-1

<221> misc_feature
 <222> 6, 9, 12, 15, 18, 21, 24, 27
 <223> n = A,T,C or G

<400> 24

1006499001

ttyytnacnc cnytnngncc nhgngtn

27

<210> 25

<211> 9

<212> PRT

<213> Homo sapien

<400> 25

Ala Ala Gly Ile Gly Ile Leu Thr Val
1 5

<210> 26

<211> 27

<212> DNA

<213> Homo sapien

<220>

<221> misc_feature

<222> 3, 6, 9, 15, 21, 24, 27

<223> n = A,T,C or G

<400> 26

gcngcnggna thggnathyt nacngtn

27

20150710 14:49:00